

HORTICULTURE

UNIVERSITY OF WASHINGTON BOTANIC GARDENS COLLEGE OF FOREST RESOURCES AUTUMN 2005

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WPA/CUH Linked in New Organization: University of Washington Botanic Gardens

A new name now links the Washington Park Arboretum, Center for Urban Horticulture, Elisabeth C. Miller Library, Otis Douglas Hyde Herbarium, and Union Bay Natural Area: The University of Washington Botanic Gardens. "By giving all five institutions a common name under which to operate, we very specifically recognize the important conservation, research, and educational outreach that is

going on here," said David Mabberley, who as director of the five groups now assumes the title of director of the University of Washington Botanic Gardens. "It is not a move to change the name of the five entities that fall under its heading, but rather a way for them to relate in a more meaningful way."

The new name will put the University of Washington Botanic Gardens on par with similar institutions around the world and will allow it to take its rightful place among world-class botanic gardens, says David Mabberley. Most universities here and abroad operate in a similar manner with their botanical enterprises.

The new name is an outgrowth of the major role the University has played in the life of the Arboretum and the other four entities. It made sense, David Mabberley said, to have one logo, one letterhead, and one organization. The new name received the support of Ken Bounds, Superintendent of the Seattle Parks Department, which owns most of the Arboretum property and manages its infrastructure, and the Arboretum Foundation, which has supported the Arboretum since 1935. Top officials at the University gave their official approval in June.

Changing, But Still the Same. What will change as the University of Washington Botanic Gardens takes shape and what will stay the same? Very few changes for the general public. None of the five entities that fall under the Botanic Gardens umbrella will change names or addresses. This means that the Washington Park Arboretum, which is managed jointly by the University and the Seattle Parks and Recreation Department, will not change its name or management structure. The Arboretum Foundation will continue to support the Arboretum. The Center for Urban Horticulture will continue to host classes and events, both university-sponsored as well as those held by other horticultural organizations. These groups will continue to meet at the Center. *(continued on page 2)*



(Continued from page 1)

The Elisabeth C. Miller Library and Otis Douglas Hyde Herbarium are in Merrill Hall, located at the Center, and will fall under the domain of the University of Washington Botanic Gardens, as does the Union Bay Natural Area. Programs such as Rare Plant Care and Conservation, CUH and WPA Education and Outreach, and grounds maintenance at both sites, also will fall under the banner of the Botanic Gardens. This Urban Horticulture Newsletter will eventually get a new name, and the Botanic Gardens will have a new logo and graphics.

Foundation Honors Long-Time Volunteer

Joy Spurr, long-time volunteer with the Washington Park Arboretum, received the first Arboretum Foundation Volunteer Legacy Award at the spring ceremony. The new award will be presented annually to individuals with a



substantial history of volunteering, making special efforts, or sharing unique talents. In making the award, Foundation Executive Director Deborah Andrews said Joy Spurr has clearly done all of these. Joy has been an active volunteer since 1956 and is a lifetime member. She has served as a member of the Foundation Board of Directors and the Northwest Flower & Garden Show committee and as an Arboretum unit chair, among many contributions.

She is best known, however, for the beautiful Arboretum photos she has taken over the years that have been used widely in publications and public relations activities.

City Resurrects Old Arboretum Entry Pylon

Stored for many years behind the scenes in the Arboretum is an old WPA era stone monument believed to have been part of a kiosk at the intersection of Lake Washington and Interlaken Boulevards which was removed in 1952 due to vandalism. This summer, the Seattle Parks Department's Heavy Equipment crew is placing it at the corner of Lake Washington Boulevard and 26th Street to mark the north entrance to the Arboretum. The Parks masonry crew has refurbished the masonry to appear similar to the original.

David Mabberley Named President of International Taxonomist's Association

UW Botanic Gardens Director David Mabberley was elected president of the International Association for Plant Taxonomy (IAPT) at the association's July meeting in Vienna, Austria.

Taxonomy is a branch of biology that deals with the naming and classifying of organisms. Scientific names of plants are governed by the International Code of Botanical Nomenclature, the provisions of which are managed by the IAPT under the ultimate authority of the United Nations.

Professor Mabberley succeeds Ghilleen T. Prance, former director of Royal Botanic Gardens, Kew, in the UK.

College Lecture Series Available on the Web

Dan Hinkley's lecture, "Form and Textural Contrast in Garden Design and Plant Selection" is now available via the University of Washington TV website as streaming video. Dan Hinkley, CUH alum, lectured originally on February 10, 2005 as part of the "Sustaining our Northwest World: From Fire to Flowers" lecture series sponsored by the College of Forest Resources. Other lectures from this series include Jim Agee on "Forests Aflame: Strategies and Challenges for Managing Fires in the West" and Gordon Bradley on "Who Shapes the Visual Landscape and Does it Matter?" Link to the UW TV web page:

www.uwTV.org/programs/displayevent.asp?rid=2610.



Mountaineers Teach Rare Care Volunteers Orienteering

Six volunteers from The Mountaineers this spring taught xx Rare Care volunteers how to navigate in the wild. Thanks to The Mountaineers', Rare Care volunteers will be better able to accurately map rare plant populations even with out-dated maps. This training will also keep them from getting lost when searching for wild populations of rare and endangered native plants.

James Fairchild spent countless rainy hours on the Union Bay grounds preparing field exercises. He also developed classroom exercises patterned after directions Rare Care plant monitors and seed collectors receive with their assignments.

Credit for this unique partnership goes to Kim Frappier, Rare Care's Acting Program Manager, and James Fairchild and Lynn Graf of The Mountaineers. Mary Aulet, William Fortney, Peter McCormick and David Suhr joined Jim and Lynn to provide individualized instruction in groups no larger than four.

Participants worked with topographic maps, compasses and GPS units to build skills in locating rare plant populations and mapping the populations they find. By the time they finished the field exercises, they knew how to use their pace to measure distances, how to work with compass bearings, how to find specific locations with a GPS unit, and how to measure distances with their fingers. Dimensions of an area are just one piece of data Rare Care volunteers record when they locate a rare plant population.

Rare Care volunteer Kim Rasmussen used her new skills on a plant monitoring outing a few weeks later. When she noticed the habitat was changing unexpectedly, she used both GPS and compass, to get back on course. "When I returned home, I still didn't believe I had gotten off course," Kim said. "So using www.topozone.com, I navigated on the web to the GPS reading I had, and sure enough, I was where I thought I wasn't."

Rare Care Seeks Volunteers for 2006 Season

The Rare Care Program needs volunteers interested in serving as the first line of defense in rare plant conservation. Monitors assess rare plant populations throughout the state. Seed Collectors travel to known populations and collect seed to be stored in the Miller Seed Vault at CUH for long-term conservation, research, and restoration. To apply to the program, phone 206-616-0780 or email rarecare@u.washington.edu.

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James Fairchild (second from left) teaches Gretchen Graber, Betsy Lyons and Sarah Baker how to estimate distances.

Miller Library News

Karen Preuss Named Miller Library Manager

Karen Preuss began work August 16 as the new manager of the Elisabeth C. Miller Library. Recently serving as development coordinator for the Montgomery, Alabama City-County Library, she brings strengths in marketing and public relations, grant writing, fund raising, and public speaking in addition to skills in library management. Karen also served as a youth services librarian and in library development in a number of cities including Florence, Oregon, Chester, Pennsylvania, and Santa Fe, New Mexico. In addition, she worked for a couple of theater troupes and designed and sold children's clothing. Please introduce yourself to her the next time you are in the Miller Library.



Karen Preuss, newly-hired manager of the Elisabeth C. Miller Library

Library Celebrates 20th Anniversary

The Elisabeth C. Miller Library celebrated its 20th anniversary on May 22 with more than 100 supporters and guests.

Professor David Mabberley highlighted the occasion with a presentation on the library's collection of rare books. He also honored librarian Brian Thompson with the honorary title of Curator of Horticultural Literature. Guests were allowed to view several of the more valuable volumes in the Library's collection along with their fine art graphics.

A portrait of Elisabeth C. Miller was unveiled by her son Winlock Miller. It is to be hung in the main room of the library. Betty and her husband Pendleton were the original sponsors and underwriters of the library.



Winlock Miller unveils the portrait of his mother, Elisabeth Miller.

Brian Thompson Elected Treasurer of Botanical Library Group

Brian Thompson was recently elected treasurer of the Council on Botanical and Horticultural Libraries (CBHL). He will be working closely with representatives of libraries associated with institutions such as the New York Botanical Garden, The Hunt Institute of Botanical Documentation in Pittsburgh, and the Missouri Botanical Garden.

In his work for the Council, Brian also sits on the Literature Awards Committee which makes annual awards to recognize excellence in plant literature. For 2005, CBHL presented the technical award to *Ethnoflora of the Soqatra Archipelago* by Anthony G. Miller and Miranda Morris of the Royal Botanic Garden in Edinburgh. In the general interest category, the winner is *Native Trees for North American Landscapes* by Guy Sternberg and Jim Wilson publishes by Timber Press of Portland, Oregon. Look for these books at the Miller Library.

Earth-Friendly Lawn Removal

CAROL ORION, PLANT ANSWER LINE LIBRARIAN

The Plant Answer Line receives frequent requests for information about “the way to kill grass with newspapers.” The method they seek is simple and requires few resources; all you need is newspaper or cardboard, a shovel, mulch and four to six months of time. If you start now, your new beds will be fertile and ready to plant when spring plant sales are in full swing.

Garden writer Valerie Easton describes five easy steps in her book *Plant Life: Growing a Garden in the Pacific Northwest*.

Step 1: Begin by digging a shallow ditch about 4 inches wide and 4 inches deep outlining the edges of the future bed or border. Throw the dirt and grass dug from this moat into the lawn you plan to get rid of—it becomes part of the mulch.

Step 2: Cover all the grass you wish to eliminate with a layer of newspapers a half-inch thick, overlapping each sheet by 4 or 6 inches. Let the edges fall down into the little ditch.

Step 3: Cover the newspaper or cardboard with a foot-deep layer of mulch: leaves, grass clippings, purchased mulch, or a combination of all three.

Step 4: Ignore the resulting mound until spring. It will all rot down, no air or light will penetrate to the grass and it will die, roots and all. The mass will shrink by more than half and you will be left with great planting soil.

Step 5: In the spring, top off the new planting area with 4 to 6 inches of “feeding mulch” (a mixture of bark and manure available at nurseries and garden centers) and voila! You’re ready to plant.

Variations on the Theme

One approach foregoes ditch-digging in favor of layers of newspaper and composted horse manure, each 6 to 8 inches deep. Another recommends an inch of wet newspapers topped with a foot or more of compost or topsoil and a frosting of bark mulch.

If you want to reclaim a slope that would otherwise erode in the process, drape and peg down jute webbing on top of the newspaper/mulch layers (jute webbing is like a huge net made of degradable rope; available at nurseries). In the spring you can poke starts of ground covers between the squares of jute and it will grow to cover and stabilize the slope



Carol Orion staffs the Plant Answer Line at the Miller Library.

 **Plant
Answer
Line**

The Plant Answer Line is
open from 9 a.m. until 5 p.m.
Monday through Friday. Call
UW PLANT, 206-897-5268,
or e-mail your question to:
hortlib@u.washington.edu

Colored Inks are Okay

At one time, gardeners were told to use only the black-and-white sections of newspapers—not sections with colored ink. However, according to the National Association of Printing Ink Manufacturers, about 15 years ago newspaper publishers established standards for printing inks which effectively banned compounds of lead or other heavy metals. Some cyan inks may contain small amounts of copper, which is an essential trace element in the soil. The result is that now the entire newspaper can be recycled into the garden!

For information on the Arboretum and its programs, please visit the website at www.wparboretum.org. Event information is found at the foundation website: www.arboretumfoundation.org

Fall Bulb and Plant Sale
Sunday, October 2, 10 a.m. to 3 p.m.
Graham Visitors Center, WPA
Member's Pre Sale Saturday October 1, noon to 2 p.m. (bulbs only)

Next spring's garden begins at the Fall Bulb & Plant Sale! Hundreds of bulb varieties, including species tulips and a great selection of narcissus, daylilies and specialty bulbs. A dozen participating vendors and nurseries (plus the Arboretum's Pat Calvert Greenhouse and Plant Donations) offer a wonderful selection of companion plants including shrubs, perennials and ferns. Also, bulb accessories such as pots, fertilizers and potting soil.

New for 2005: a great selection of edible bulbs (garlic, shallots and more) for fall planting and spring cooking! This sale benefits Washington Park Arboretum; admission and parking are free. For a bulb catalog, visit www.arboretumfoundation.org after September 1.

Donated Plants for Sale

Wednesdays and second Saturdays, 10 a.m. to 2 p.m., between April and October. Find favorite and unusual plants, all donated by area gardeners.

Pat Calvert Greenhouse Seeks Volunteers

The Arboretum Foundation's Pat Calvert Greenhouse is seeking new volunteers for fall. Experienced volunteers mentor others on subjects like woody plant ecology and propagation techniques. Volunteers also prepare plants for weekly sales. Hours of operation are 10 a.m. to noon Tuesdays and Thursdays. Call 206-616-4890 for more information.



Greens Galore

Saturday, December 3, 10 a.m. to 3 p.m.
Graham Visitors Center, WPA

Freshly cut greens, botanical treasures, hand-made gifts and crafts for holiday decorating and giving. Donated greens will be accepted on Wednesday, November 30, 8 a.m. to 4 p.m. at the Graham Visitors Center, Washington Park Arboretum.

News from UWBG

New Staff Members hired at UWBG

Karen Preuss started work as Miller Library Manager in mid August. Pat Chinn-Sloan is the new Fiscal Specialist for UWBG. Mike McLean was recently hired as Gardener 2 at the Washington Park Arboretum. Annie Billotta is the new Gardener 2 on the Union Bay campus. Welcome to these staff members!

Riz Reyes Named Mary Gates Scholar

Currently finishing an undergraduate year abroad studying in Sichuan, China, Riz Reyes has received a scholarship allowing him to study the flora of Sichuan. His year included expeditions to collect a number of seeds and cuttings, which he has sent back to the Arboretum for possible inclusion in its plant collection. He has also been vouchering collections with herbarium specimens which will soon be available for study in the Hyde Herbarium.

"Trees are Good for Business"

UW research scientist Kathy Wolf recently published a publication that provides technical guidance on how to plan and implement an urban forestry program in downtown business districts. It was funded in partnership with the PNW Chapter of the International Society of Arboriculture and funded by the WA State DNR Urban Forestry Program. Two CUH alums, Elizabeth Walker and Stacey Harris Ray, contributed to the project. It is available free of charge from Dr. Wolf by sending your name and address to kwolf@u.washington.edu.



volunteer

NEWS AND OPPORTUNITIES

Cassie Benz and Larry Howard Win 2005 Brian Mulligan Award

Two long-time volunteers won this year's Brian Mulligan Award, which recognizes outstanding service to CUH and WPA. Larry Howard and Cassie Benz accepted the award at the annual Volunteer Dessert Event held to honor all volunteers who give of their time.

Larry Howard has volunteered for six years at CUH, donating 297 hours last year alone, gardening in the Soest Garden. His historical knowledge of the beds, individual plants, and the work of previous gardeners is an invaluable resource. But Larry's creativity and talent go well beyond the end of a rake. He has spent many hours photographing and compiling information on each bed and plant in the Soest Garden, working toward his goal of creating a web site devoted to the garden. When it becomes available, the Web site will contain not only his photographs, but also plant profile information collected by him and others he has recruited for the task. In addition, Larry created and donated sets of note cards of scenes from the Soest Garden that were sold via the non-profit student Hort Club during the Grand Opening of Merrill Hall.



Volunteer Larry Howard working in the Soest Garden.

Cassie Benz has volunteered for the Washington Park Arboretum Education Department since 1994 leading Saplings school tours. Although the Washington Park Arboretum has undergone changes in staff, style, and curricula during the 10 years Cassie has stayed with the program and seen it through. She has shown an absolute commitment to the work, attending enrichment training programs on a regular basis, constantly trying to improve her skills. She has repeatedly helped the staff refine the curricula with her thoughts, gleaned from the feedback she asks for from her groups.



WPA Volunteer Cassie Benz

Congratulations to Larry Howard and Cassie Benz, Brian Mulligan Award winners for 2005!

Volunteering at the University of Washington Botanic Gardens

Many programs at the UW Botanic Gardens need your help. Volunteers help garden, work in the Miller Library, monitor public education classes, assist the administrative staff, and do many other jobs. For more information about volunteering, link to the following web page:

<http://depts.washington.edu/urbhort/html/infol/volunteer.html>

AND PROGRAMS

Fauna (and Flora) of Foster Island

DATE & TIME: *Sunday, September 18, 1 p.m.*
INSTRUCTOR: *Janine Anderson*
LOCATION: *Graham Visitors Center, WPA*
FEE: *free*

Early fall is a time of flux in the bird world. Summer residents flock and forage in large numbers; migrants stop by for rest and refueling. Join birding enthusiast and arboretum guide Janine Anderson for a bird-focused exploration of the various haunts and habitats of Foster Island. Binoculars and extra spotting scopes helpful.

How to Create and Lead Effective Garden Tours

DATE & TIME: *Monday September 26, 9 a.m. to 3:45 p.m.*
INSTRUCTOR: *Chuck Lennox*
LOCATION: *Graham Visitors Center, WPA*
FEE: *\$110; pre-registration required. Fee includes lunch and book.*

Do you give tours of your garden? Many people who lead garden tours are not trained tour guides, and don't always get the results they want. This all-day workshop will assist you to plan an interpretive tour through hands-on practice with program planning, theme development, and goal setting. After learning basic concepts, in the afternoon we'll progress to outdoor mock tours to hone those new skills. Students are asked to think about a future tour idea or an existing tour they would like to improve before coming to class.

Chuck Lennox is a Certified Interpretive Trainer with 25 years experience working with public land agencies, zoos, and private clients. He recently helped to develop the Interpretive Master Plan for the Washington Park Arboretum.

Creating a Super Natural Basket

DATE & TIME: *Monday, September 26, 7 to 9 p.m. and Saturday, October 1, 9 a.m. to 3:30 p.m.*
INSTRUCTOR: *Pat Reese, Co-Author of the book, Grounds for Gathering*
LOCATION: *Douglas Classroom, CUH*
FEE: *\$55; pre-registration required. Fee includes a \$10 materials fee. Bring your own lunch.*

In this two-part class, learn how to make a unique and useful Appalachian-style potato basket, using grapevine or other plant branches for framework, with weavers of foliage, vines, barks, and even your own handmade cordage or braid. On Wednesday evening, students will get hands-on practice in preparing garden plants for basketmaking, plus a chance to learn about other plants that will be available during Saturday's class. On Saturday bring a small bucket or dishpan, an old towel, garden snips, gloves, and a sack lunch. Wear old clothes or bring a sturdy apron. Pat Reese has been making baskets for 20 years. Her book will be available for students to purchase.

Explore the Miller Library Children's Collection

DATE & TIME: *Tuesday, Oct. 11, 7 to 8:30 p.m.*
INSTRUCTOR: *Miller Library Staff*
LOCATION: *Miller Library, CUH*
FEE: *\$10; pre-registration required.*

The Elisabeth C. Miller Library's Children's Collection is a treasure trove of curriculum materials, garden plans and plant-related books for children of all ages. The library staff will highlight some of the library's very best educational resources. This class is aimed at parents and teachers, and will be tailored to the needs of the participant.

UNIVERSITY OF WASHINGTON

Botanic Gardens

Newsletter Survey

YOUR OPINION COUNTS!

newsletter

Tell us about you. (Choose as many as apply)

- ☐ Home gardener
- ☐ Horticulture professional
- ☐ Work in an environmental field
- ☐ Restoration professional
- ☐ Master Gardener
- ☐ K-12 educator
- ☐ UW faculty, staff or student
- ☐ Other (please specify) _____

Have you visited or used any of the following?

(Choose as many as apply)

- ☐ CUH campus facilities
- ☐ Elisabeth C. Miller Library/Plant Answer Line
- ☐ Otis Douglas Hyde Herbarium
- ☐ Union Bay Natural Area
- ☐ Washington Park Arboretum
- ☐ Other (please specify) _____

Are you also one of our:

- ☐ Donors
- ☐ Adult/Professional education class attendees
- ☐ Volunteers
- ☐ Youth and family program participants

How do you find out about our events and classes?

(Choose as many as apply)

- ☐ Urban Horticulture Newsletter
- ☐ Arboretum Foundation "Groundwork" Newsletter
- ☐ CUH Website
- ☐ Arboretum Website
- ☐ Arboretum Foundation Website
- ☐ Newspaper Listings
- ☐ Horticulture Organization Newsletters

(Name) _____

- ☐ Other (please specify) _____

The new umbrella name of University of Washington Botanic Gardens will mean changes for the *Urban Horticulture Newsletter*. Please take a moment to fill out this short survey. Tell us what you found useful in the past and any changes you would like to see in future issues.

UNIVERSITY OF WASHINGTON
Botanic Gardens

Tell us about you. (Choose as many as apply)

- ☐ Home gardener
- ☐ Horticulture professional
- ☐ Work in an environmental field
- ☐ Restoration professional
- ☐ Master Gardener
- ☐ K-12 educator
- ☐ UW faculty, staff or student
- ☐ Other (please specify) _____

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(Choose as many as apply)

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- ☐ Union Bay Natural Area
- ☐ Washington Park Arboretum
- ☐ Other (please specify) _____

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- ☐ Youth and family program participants

How do you find out about our events and classes?

(Choose as many as apply)

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- ☐ CUH Website
- ☐ Arboretum Website
- ☐ Arboretum Foundation Website
- ☐ Newspaper Listings
- ☐ Horticulture Organization Newsletters

(Name) _____

- ☐ Other (please specify) _____

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SURVEY

PLEASE RETURN BY OCTOBER 1, 2005.

Which sections of this newsletter do you read and how often?

Also rank from 1 (most important) to 5 those sections that you value most.

	Always	Sometimes	Rarely	Rank
Special Events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	_____
Miller Library News	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	_____
News from CUH,WPA and the Foundation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	_____
Volunteer News and Opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	_____
Classes and Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	_____
Youth and Family Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	_____
Events Calendar	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	_____
Director's Notes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	_____
Articles on Horticulture and Gardening	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	_____
Information from the Plant Answer Line	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	_____

What other topics or information would you like to read about?

If this newsletter were only available via email, would you still subscribe?

☐ Yes ☐ No

Comments:

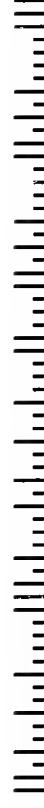
We will be renaming the *Urban Horticulture Newsletter* to reflect a wider focus under the University of Washington Botanic Gardens. Do you have suggestions for a new name?

General comments or feedback?

University of Washington
Botanic Gardens
Box 354115
Seattle, WA 98195-4115

NEWSLETTER SURVEY
University of Washington Botanic Gardens
Box 354115
Seattle, WA 98195-4115

PLACE
STAMP
HERE



botanical art

These classes are planned jointly with members of the Pacific Northwest Botanical Artists (PNBA), a local chapter of the American Society of Botanical Artists. UWBG and PNBA are working to create a Certificate Program in Botanical Illustration.

Fall Tour of the Miller Garden

DATE & TIME: Wednesday, October 12, 9 a.m.
INSTRUCTOR: Miller Garden Staff
LOCATION: Meet in the CUH Parking Lot
FEE: \$50; fee includes transportation

Join us as we visit one of Seattle's most stunning gardens for fall color. Betty Miller collected rare and unusual woody plants from around the world and crafted them into a garden that combines many unique specimens in a woodland setting.

Landscape Design Basics

DATES & TIMES: Saturday October 22 and 29,
9:30 a.m. to 3:30 p.m.
INSTRUCTOR: Keith Geller, Landscape Architect
LOCATION: Isaacson Classroom, CUH & off-site
FEE: \$130; pre-registration required

In this two-day class, learn the principles and concepts of landscape design via slide lectures, sketch problems, and field trips where we learn to analyze gardens. This course is intended for students at all levels of expertise. It includes lectures on Saturday mornings at CUH and field trips on Saturday afternoons. Please bring your own lunch.

The Street Smart Naturalist

DATES & TIMES: Tuesday, October 25, 7 p.m.
INSTRUCTOR: David B. Williams
LOCATION: NHS Hall, CUH
FEE: \$10; pre-registration requested

David Williams, author of *The Street-Smart Naturalist: Field Notes from Seattle*, will weave together stories of history and nature to reveal a side of Seattle that many of us overlook. He will talk about fossils in downtown buildings, explore the age-old conundrum "Was Seattle built on seven hills and what are they?" and explain the YUCKIE hypothesis (Young Urban Crows) and how urban development contributes to our ever-expanding crow population. Williams is a freelance natural history writer who has written for *Smithsonian*, *Popular Mechanics*, and *National Parks*. Books will be available for sale after the talk.

Botanical Drawing I: Intro to Drawing Botanical Forms

DATES AND TIMES: 5-part series: Thursdays Oct. 6 to Nov. 3
 Section I: 9:30 a.m.-noon
 Section II: 7p.m.-9:30 p.m.
INSTRUCTORS: Kathy McKeehen & Louise Smith
LOCATION: Isaacson Classroom, CUH
FEE: \$155; pre-registration required

This course is designed as a self-contained unit or as an introduction to Botanical Drawing II, for the individual who cannot draw or would like to improve drawing skills. Students will learn about drawing tools, papers, and basic plant forms as they progress through exercises and homework assignments. The emphasis will be on accurate line drawing, the foundation of good botanical art. Bring drawing paper, pencil, and eraser to the first class where a more complete materials list will be provided.

Kathleen McKeehen and Louise Smith are noted artists. Kathleen's training includes a stint at Kew Gardens, England.

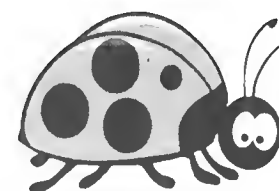
Botanical Drawing 2: The Pencil Rendered Botanical

DATES AND TIMES: 5-part series: Thursdays November 10 to December 15
 Section I: 9:30 a.m.-noon
 Section II: 7p.m.-9:30 p.m.
INSTRUCTORS: Bev Byrnes & Louise Smith
LOCATION: Isaacson Classroom, CUH
FEE: \$155; pre-registration required

Some of the most beautiful botanical works are rendered in pencil. This course teaches different techniques used in a fully rendered pencil drawing. The emphasis continues to be on creating accurate botanical art but progresses into concepts of light on form. Mastery of these concepts will be invaluable to the student who wants to continue in the practice of botanical art or is interested in realistic renderings of the botanical subject. A materials list will be sent along with registration confirmation. Bev Byrnes is a superb draftsman who exhibits across the country.



green buildings for green thumbs



These classes are planned jointly with the NW Solar Center and CUH's other "green building" partners. The NW Solar Center consists of 22 utilities, businesses, and non-profit organizations working to advance solar technologies in the Pacific Northwest.

Merrill Hall "Green Building" Tours

DATE & TIME: 1st Monday of each month starting at 7 p.m.
INSTRUCTOR: CUH and Miller Library Staff
LOCATION: Merrill Hall, CUH
FEE: Free

Drop by the Miller Library at 7 p.m. on the first Monday of the month (October 3, November 7, December 5) for a tour of the library and the "green features" of Merrill Hall. No appointment is needed. Tours of Merrill are also available at other times, free of charge, to garden clubs, horticultural classes and other groups. Please call 206-543-3889 to schedule.

Solar Tour of Seattle

DATE & TIME: Saturday, October 29, 9 a.m. to 3:30 p.m.
INSTRUCTOR: Mike Nelson, Director of the NW Solar Center
LOCATION: Tour leaves from CUH parking lot
FEE: \$55; pre-registration required. Fee includes transportation. Bring your own lunch

Join Mike Nelson of the NW Solar Center on a lively tour of solar power on green buildings in Seattle, both residential and public. You will see small residential solar systems and larger commercial solar systems including free-standing, roof-mounted, and building-integrated. The tour will start at CUH's Merrill Hall, and then head to the Ballard Library, Carkeek Park Environmental Learning Center, Greenwood Cottages, Meridian Middle School, and Magnuson Park.

Green Home Design Workshop

DATE & TIME: Tuesday, November 15, 7 to 9 p.m.
INSTRUCTOR: Katherine Morgan, Sustainable Building Consultant
LOCATION: Douglas Classroom, CUH
FEE: \$30; pre-registration required.

Whether you're fixing up to sell, or remodeling or renovating for your own enjoyment, we'll help you design it green and follow it through. Bring your ideas and pictures; we'll help you set goals for your project and incorporate environmentally friendly aspects. Specific help on how to select green contractors, how to choose materials and equipment, how to reduce water and energy use, and if you're selling soon, how to help your realtor understand and sell what you've done. We'll review benefits and strategies of green home design, and work through the steps to plan your green design project. Katherine Morgan recently wrote the Built Green Home Website, and will be joined by a 'green-savvy' real estate agent for those looking for sales-related guidance.

pro-hort classes

ProHort classes at CUH are designed for professionals in the horticulture industry. Upcoming fall class topics include:
 Design to Dirt: Beyond Basics
 Trees and Climate Change

See www.uwbotanicgardens.org for more information. Phone 206-685-8033 or e-mail urbhort@u.washington.edu if you would like to be on the ProHort mailing or electronic ListServ list.

practical gardening lectures

These lectures and demonstrations are planned jointly with **WSU Extension** and other non-profit partners. They are presented by experienced **WSU Master Gardeners**.

Alliums, Leeks, and Garlic

DATE & TIME: *Monday, October 10, 7 to 8:30 p.m.*
INSTRUCTOR: *David Kingery, Master Gardener*
LOCATION: *Isaacson Classroom, CUH*
FEE: *\$10; pre-registration required*

Alliums are among the earliest plants to be cultivated by man. According to legend, as Satan left the Garden of Eden, onions grew where his right foot touched the ground and garlic grew from his left footprint. These magical bulbs are indispensable in the kitchen and should be included in every garden. Learn about planting, caring for and harvesting these two alliums and their close relatives.

Fall Plant Care: Putting the Garden to Bed

DATE & TIME: *Thursday, October 20, 7 to 8:30 p.m.*
INSTRUCTOR: *Master Gardener Diagnosticians*
LOCATION: *Douglas Classroom, CUH*
FEE: *\$10; pre-registration required*

Major fall clean up is critical to a healthier garden for years to come. Disease and insects can overwinter in plant debris. A panel of Master Gardener diagnosticians will discuss early detection of pest infestation and diseases that can be reduced or eliminated with major cleanup in your garden. Fall is also a good time to evaluate plants that didn't perform as well as expected and replace them with disease resistant plants.

Fear of Houseplants (Get Over It!)

DATE & TIME: *Thursday, Nov. 17, 7 to 8:30 p.m.*
INSTRUCTOR: *Mary Ann Greco, Master Gardener*
LOCATION: *Douglas Classroom, CUH*
FEE: *\$10; pre-registration required*

Houseplants make a wonderful addition to your home. Many are known to filter the air we breathe. Children and adults enjoy watching them grow and change all year long. Master Gardener Mary Ann Greco will cover basic physiology of caring for houseplants including light, water, humidity and fertilization. She is the Houseplant manager at Sky Nursery. This knowledge will help you get over your fear of having these plants be part of your life.

The Ultimate Outdoor Winter Container

DATE & TIME: *Wednesday, Nov. 30, 7 to 8:30 p.m.*
INSTRUCTOR: *Ann Baron, Master Gardener*
LOCATION: *Douglas Classroom, CUH*
FEE: *\$10; pre-registration required*

Do your outdoor pots sit empty during the winter or looking just plain dull? Spice up your view from the windows on those grey days, with containers full of fall and winter color and texture in leaves, berries and early blossoms. Master Gardener, Ann Baron specializes in sustainable container gardens and winter outdoor floral arrangements. Get a jump on holiday decorations by creating containers that brighten your landscape.



youth and family programs

For more information or to schedule the following programs, contact the Arboretum Education Office, weekdays at 206-543-8801 or e-mail uwbgeduc@u.washington.edu. Visit our website: www.wparboretum.org.

Saplings School Programs

Washington Park Arboretum becomes nature's classroom for Saplings School Programs, educational programs for students in grades K-8. The 90-minute programs are held Monday through Friday 10 a.m. and 12:15 p.m. during the school year. Cost is \$2.50 per student. Sapling's program curricula are aligned with the Washington State's Essential Academic Learning Requirements and Science Grade Level Expectations. Topics include plant life cycle, wetland ecology, and native plants and ethnobotany. Please call 206- 543-8801 to reserve a date at least three weeks in advance.

arboretum guided tours

Enjoy the seasonal splendor of autumn with a guided tour of historic Washington Park Arboretum. Stroll through the collections with a trained Arboretum guide while focusing on vivid fall color and the beauty of leaves, bark and berries. Available for groups of 10 or more. 60 to 90 minute themed tours: fall seasonal, native plants, and Foster Island ecology. Fees are \$3 per person (\$2 for Arboretum Foundation members). 10 person minimum. To reserve a date, phone 206-543-8801; three weeks advanced reservation recommended.

Self-Guided Pack Programs

Family Adventure Packs

Investigate the wonders of the Arboretum with a Family Adventure Pack. Family Adventure Packs include games and activities with easy-to-follow directions, maps, field guides, and field equipment. Suitable for groups of up to 5. Designed for young children accompanied by an adult. Available year-round from 10 a.m. to 3 p.m. at the Graham Visitors Center Front Desk. No reservation required. \$5 fee for two-hour rental; FREE to Arboretum Foundation Members and Arboretum Guides.

Arboretum Explorer Packs

Explore the Arboretum at your own pace with field equipment, activities and games with easy-to-follow directions, scavenger hunts and maps. An excellent idea for teachers, scouts, camps, daycare and other youth groups. Suitable for groups of 15 children. Appropriate for grades 1-6. A two-hour rental fee is \$15. Please call to reserve a date at least three weeks in advance.



Weekend Walks at One

Free weekend walks are offered the first and third Sunday of the month at 1 p.m. January through November. The 60 to 90 minute walks, led by trained Arboretum guides, focus on seasonal interest in the Arboretum, native plants or Foster Island ecology. Walks depart from the Graham Visitors Center.

FOR AUTUMN 2005

Fauna (and Flora) of Foster Island, 1 p.m., WPA

How to Create & Lead Garden Tours, 9 a.m., WPA

Creating a Super Natural Basket 1, 7 p.m., CUH

Creating a Super Natural Basket 2, 9 a.m., CUH

Miller Library Drop-In Tour, 7 p.m., CUH

Ornithological Society, 7 p.m., CUH

Iris Society, 7:30 p.m., CUH

NW Perennial Alliance, 7 p.m., CUH

WA Butterfly Association, 7 p.m., CUH

Rhododendron Society, 7:15 p.m., CUH

Botanical Drawing 1, 9:30 a.m. or 7 p.m., CUH

Native Plant Society, 7 p.m., CUH

Alliums, Leeks, and Onions, 7 p.m., CUH

Miller Lib. Children's Collection Class, 7 p.m., CUH

Puget Sound Mycological Soc., 7:30 p.m., CUH

Fall Tour of the Miller Garden, leaves CUH at 9 a.m.

NHS Lecture, 6:45 p.m., CUH

Plant Amnesty, 7 p.m., CUH

Botanical Drawing 1, 9:30 a.m. or 7 p.m., CUH

Rose Society, 6 p.m., CUH

Cascade Cactus & Succulent Society, 2 p.m., CUH

Audubon Society, 7 p.m., CUH

Botanical Drawing 1, 9:30 a.m. or 7 p.m., CUH

Fall Plant Care, 7 p.m., CUH

Landscape Design Basics, 9:30 a.m., CUH

Bonsai Association, 7:30 p.m., CUH

The Street Smart Naturalist, 7 p.m., CUH

Botanical Drawing 1, 9:30 a.m. or 7 p.m., CUH

Solar Tour of Seattle, leaves CUH at 9 a.m.

WA Butterfly Association, 7 p.m., CUH

Rhododendron Society, 7:15 p.m., CUH

Native Plant Society, 7 p.m., CUH

Botanical Drawing 1, 9:30 a.m. or 7 p.m., CUH

Miller Library Drop-In Tour, 7 p.m., CUH

Ornithological Society, 7 p.m., CUH

Iris Society, 7:30 p.m., CUH

PS Mycological Society, 7:30 p.m., CUH

NHS Lecture, 6:45 p.m., CUH

Botanical Drawing 2, 9:30 a.m. or 7 p.m., CUH

Green Home Design Workshop, 7 p.m., CUH

Rose Society, 7:30 p.m., CUH

Botanical Drawing 2, 9:30 a.m. or 7 p.m., CUH

Fear of Houseplants, 7 p.m., CUH

NW Perennial Alliance, noon, CUH

Bonsai Association, 7:30 p.m., CUH

Winter Container Class, 7 p.m., CUH

Botanical Drawing 2, 9:30 a.m. or 7 p.m., CUH

Native Plant Society, 7 p.m., CUH

Seattle Tree Fruit Society, 9:30 a.m., CUH

Miller Library Drop-In Tour, 7 p.m., CUH

Ornithological Society, 7 p.m., CUH

WA Butterfly Association, 7 p.m., CUH

Botanical Drawing 2, 9:30 a.m. or 7 p.m., CUH

Rhododendron Society, 3 p.m., CUH

Puget Sound Mycological Society, 7:30 p.m., CUH

Plant Amnesty, 7 p.m., CUH

Botanical Drawing 2, 9:30 a.m. or 7 p.m., CUH

director's notes

One of my first tasks for the University has been to lead the coming together of the various units I manage as Director under an umbrella name within the College of Forest Resources. Since the last newsletter, all university staff and faculty associated with the Center for Urban Horticulture, the Washington Park Arboretum and Elisabeth C. Miller Library came together to create a new mission and vision for what we agreed would be University of Washington Botanic Gardens (UWBG). This was promptly reported to the Dean who led its passage through the University's hierarchy.

With commendable speed and the blessing of both the Superintendent of Parks and Recreation and the Executive Director of the Arboretum Foundation, all was accepted in June by the University administration.

None of the units covered by the umbrella name – and these include the Union Bay Natural area, shorelines which the University manages, and the Otis Hyde Herbarium – will have their names changed. The Umbrella name is a sign to the local, national and international community that the University sees a cohesion and mutual strengthening of all those entities in their common goals and missions.

I am pleased to announce the appointment of Karen Preuss as Manager of the Elisabeth C. Miller Library. Though coming to us from Montgomery, Alabama, she was born and raised in the Pacific Northwest. Karen brings strengths in development and fundraising, and has a particular interest in children's books. Under her leadership the Miller Library team will strengthen our traditional mission by broadening the Library collections to include environmental, conservational and restoration issues. This will lend strength to our classic focus on outreach to the horticultural communities of the region. Our deepest thanks to Jane St. Germain who heroically led the Library during the hiring process.

Lastly, we are waiting to receive a LEED (Leadership in Energy and Environmental Design) rating from the U.S. Green Building Council for Merrill Hall. This award will be the first for a UW Seattle campus building, and we look forward to a celebration later this fall. I hope to see you there and to discuss with you the way forward for UWBG.

DAVID J. MABBERLEY, M.A. (OXON.), PH.D. (CANTAB.), DIRECTOR
ORIN & ALTHEA SOEST PROFESSOR OF HORTICULTURAL SCIENCE

UNIVERSITY OF WASHINGTON BOTANIC GARDENS

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Mission: Sustaining managed to natural ecosystems and the human spirit through plant research, display, and education

Vision: As an international hub for plant science, information, teaching, and stewardship, we will promote an educated, inspired, and engaged society, dedicated to sustainable ecosystem management.

Washington Park Arboretum Center for Urban Horticulture
Union Bay Natural Area
Elisabeth C. Miller Library Otis Douglas Hyde Herbarium

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URBAN HORTICULTURE NEWSLETTER, VOL. 22, NO. 3

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